

**REMARKS**

Reconsideration and allowance of the above-identified application are respectfully requested. Claims 1-4 and 9 remain pending, wherein claims 1, 2 and 9 are amended, and claims 5-8 are canceled.

Applicants would like to thank Examiner Hossain and SPE Beliveau for their time and courtesy during the personal interview conducted with the undersigned on April 3, 2007. The following summarizes the issues discussed during the personal interview.

Claims 1, 5, 6 and 9 are rejected under 35 U.S.C. § 103(a) as being obvious in view of the combination of U.S. Patent Publication No. 2005/0010947 to Ellis et al. ("Ellis") and U.S. Patent No. 6,772,433 to Lajoie ("Lajoie"). Claims 2, 3, 7 and 8 are rejected as being obvious in view of the combination of U.S. Patent No. 6,661,472 to Shintani et al. ("Shintani") and U.S. Patent Application Publication No. 2001/0052124 to Kim et al. ("Kim"). Claim 4 is rejected as being obvious in view of the combination of Shintani, Kim and U.S. Patent No. 6,483,547 to Eyer ("Eyer"). These grounds of rejection are respectfully traversed.

Claim 1 has been amended as follows:

wherein the input device includes an UP/DOWN key solely dedicated for instructing the control unit to select a sub-channel adjacent in upward/downward direction in the same main channel, and another UP/DOWN key for instructing the control unit to select a main channel in an upward/downward direction.

Similarly, claim 2 has been amended as follows:

wherein the input device includes an operation key that is solely dedicated for instructing the control unit to select a sub-channel adjacent in upward/downward direction in the same main channel, and another operation key for instructing the control unit to select a main channel in a upward/downward direction.

Claim 9 has been amended as follows:

receiving a main channel selection instruction from a main channel selection key;  
receiving a sub-channel selection instruction from a key that is solely dedicated to sub-channel selection to select a subchannel of [[a]] the main channel;

As discussed during the personal interview, Ellis, Lajoie, Shintani, Kim and Eyer all do not disclose or suggest selecting sub-channels in an upward/downward direction using a key that is solely dedicated to sub-channel selection. For example, Ellis discloses using the four directional arrows to select both main channels and minor channels. Accordingly, it is respectfully requested that the rejections based on Ellis, Lajoie, Shintani, Kim and Eyer be withdrawn.

Claim 1 is rejected on the grounds of non-statutory obviousness-type double patenting as being unpatentable over claim 1 of U.S. Patent No. 7,050,117 in view of Ellis and Lajoie. This ground of rejection is respectfully traversed.

The rejection notes that the claims of the present application do not recite that "the input device has UP/DOWN keys assigned for sub-channel switch over and RIGHT/LEFT keys assigned for main channel switch over", and concludes that it would be obvious to include this feature in claim 1 of the present application to allow for changing sub channels.

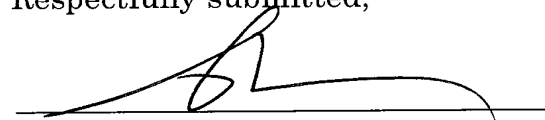
As discussed during the personal interview, this modification would not have been obvious in view of the amendment to claim 1 to include a key that is solely dedicated to selecting sub-channels. Because claim 1 as amended provides a key that is solely dedicated to selecting sub-channels, there would have been no motivation to one of ordinary skill in the art to include the UP/DOWN and RIGHT/LEFT switchover keys of the '117 patent. Accordingly, withdrawal of this ground of rejection is respectfully requested.

All outstanding objections and rejections having been addressed, it is respectfully submitted that the present application is in condition for allowance. Notice to this effect is earnestly solicited. If there are any questions regarding this amendment or the application in general, a telephone call to the undersigned would be appreciated since this should expedite the prosecution of the application for all concerned.

If necessary to effect a timely response, this paper should be considered as a petition for an Extension of Time sufficient to effect a timely response, and please charge any deficiency in fees or credit any overpayments to Deposit Account No. 05-1323 (Docket #010482.50894).

Respectfully submitted,

May 3, 2007

  
Stephen W. Palan  
Registration No. 43,420

CROWELL & MORING LLP  
Intellectual Property Group  
P.O. Box 14300  
Washington, DC 20044-4300  
Telephone No.: (202) 624-2500  
Facsimile No.: (202) 628-8844  
SWP:crr  
2991489v1